PATENT

Docket No.: 20609/203 (PD 00034)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Miller et al.	) )	Examiner:
Serial No.	:	Division of 10/106,521	) )	To Be Assigned
			)	Art Unit:
Cnfrm. No.	:	To Be Assigned	)	To Be Assigned
Filed	:	Herewith	) ) `	
For	:	YOHIMBINE DIMERS EXHIBITING BINDING SELECTIVITIES FOR $\alpha_2$ ADRENERGIC RECEPTORS	) ) )	
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## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.97-1.98

Mail Stop: Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR §§ 1.97-1.98, applicants hereby bring to the attention of the United States Patent and Trademark Office, the enclosed references listed on the attached PTO-1449 form.

Pursuant to 37 CFR § 1.98(d), the references identified on the attached PTO-1449 form are not provided, because these references either were previously cited by or submitted to the PTO in parent U.S. Patent Application Serial No. 10/106,521, filed March 25, 2002, of which this application claims priority under 35 USC § 120.

Respectfully submitted,

Date: <u>October 6, 2003</u>

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT			ATTY, DOCKET NO.				SERIAL NO.			
			20609/203 (	PD 00034)			Division of 10/106,521			
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			Miller et al.							
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				U.S. PATE	NT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLA	ss	SUBCLASS	FILING DATE IF APPRO- PRIATE	
	1	3,940,387	02/24/1976		Saint-Ruf et al.					
	.1			FOREIGN PA	TENT DOCUMENTS	,	•	,		
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## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	2	Portoghese et al., "Stereostructure-Activity Relationship of Opioid Agonist and Antagonist Bivalent Ligands. Evidence for					
		Bridging Between Vicinal Opioid Receptors," J. Med. Chem. 28:1140-41 (1985)					
	3	Erez et al., "Narcotic Antagonist Potency of Bivalent Ligands Which Contain β-Naltrexamine. Evidence for Bridging					
		Between Proximal Recognition Sites," J. Med. Chem. 25:847-849 (1982)					
	4	Philip S. Portoghese, "The Role of Concepts in Structure-Activity Relationship Studies of Opioid Ligands,"					
		Journal of Medicinal Chemistry 35(11):1927-1937 (1992)					
	5	Philip S. Portoghese, "Bivalent Ligands and the Message-Address Concept in the Design of Selective Opioid Receptor					
		Antagonists, <u>TIPS Review</u> 10:230-235 (1989)					
	6	Shimohigashi et al., "Dimeric Tetrapeptide Enkephalins Display Extraordinary Selectivity for the δ Opiate Receptor,"					
		Nature 297:333-335 (1982)					
	7	LeBoulluce et al., "Bivalent Indoles Exhibiting Serotonergic Binding Affinity," Bioorganic & Medicinal Chemistry Letters,					
		5:123-126 (1995)					
	8	Cwirla et al., "Peptide Agonist of the Thrombopoietin Receptor as Potent as the Natural Cytokine," Science					
		276:1696-1699 (1997)					
EXAMINER		DATE CONSIDERED					
EXAMINER: Init	ial if cita	tion considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not					
considered. Include	іе сору о	f this form with next communication to applicant.					

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9	Uhlén et al., "Membrane Organization and Mobility of α <sub>2</sub> Adrenergic Receptors in MDCK Cells," <u>Pharmacology Communications</u> 6(1-3):155-167 (1995)								
10	Maggio et al., "Coexpression Studies with Mutant Muscarinic/Adrenergic Receptors Provide Evidence for Intermolecular								
	"Cross-Talk" Between G-Protein-Linked Receptors," Proc. Natl. Acad. Sci. USA 90:3103-3107 (1993)								
11	Maggio et al., "Functional Role of the Third Cytoplasmic Loop in Muscarinic Receptor Dimerization,"								
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12	Zheng, et al., "Yohimbine Dimers Exhibiting Binding Selectivities for Human α <sub>2a</sub> - versus α <sub>2b</sub> -Adrenergic Receptors," <u>Biorg.</u>								
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